

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**TRANSMITTAL LETTER**

Application of:  
Subramanian, et al.

Serial No.: 10/070,282

Filing Date: April 15, 2002

Title: QUATERNARY AMMONIUM SALTS AS  
THICKENING AGENTS FOR AQUEOUS  
SYSTEMS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket No.: ACA6263 US

Group Art Unit: 1712

Examiner: P.C. Tucker

**CERTIFICATE OF FACSIMILE TRANSMISSION**

It is hereby certified that the attached: Transmittal  
With Responsive Documents; ( 2 sheets) is being  
faxed to 571-273-8300 to the Commissioner for  
Patents

on February 17, 2006

  
Christina Cangelosi

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FEB 17 2006

Sir:

Transmitted herewith is a responsive document(s) for this application.

☒ **TRANSMITTAL LETTER IN DUPLICATE; PETITION UNDER 37 CFR 1.17(i)(1); SECOND  
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT; PTO 1449 FORM;  
CERTIFICATED UNDER 37 CFR 1.97(e)(2) AND CERTIFICATE OF FACSIMILE**

- ☐ Applicant hereby petitions for an extension of time under 37 CFR 1.136 of:
- |   |  |
|---|--|
| <input type="checkbox"/> One Month (\$120.00)     | <input type="checkbox"/> Two Months (\$ 450.00)  |
| <input type="checkbox"/> Three Months (\$1020.00) | <input type="checkbox"/> Four Months (\$1590.00) |

☒ Petition Under 37 CFR 1.17(i)(1) (\$ 130.00)

The total fee believed due is \$ 130.00 . Please charge this amount and any other fees,  
which may be due (including filing fees under 37 CFR 1.16 and processing fees under 37  
CFR 1.17) to Deposit Account No. 01-1350. If an extension of time is required but has not  
been requested above, Applicant hereby petitions for an extension of time sufficient for the  
attached document(s) to be timely. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Ralph J. Mancini  
Attorney for Applicant(s)  
Reg. No. 34,054

Akzo Nobel Inc.  
Intellectual Property Department  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
Tel No.: (914) 674-5465

**Patent**

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Docket No.: ACA8263 US

Group Art Unit: 1712

Examiner: P.C. Tucker

**CERTIFICATE OF FACSIMILE TRANSMISSION**  
It is hereby certified that the attached Petition  
(1 sheet) is being faxed to 571-273-8300 to the  
Commissioner for Patents

on February 17, 2006

  
Christina Cangelosi

**Petition Under 37 C.F.R. § 1.17(i)(1)**

In accordance with the requirements of 37 CFR §§1.56 and 1.17, applicant submits the document attached hereto to be made of record in the above-identified case. A listing of said documents on form PTO-1449 is also attached.

The appropriate certification as specified under 37 C.F.R. § 1.97(e) is also attached, along with specific authorization for the Commissioner to charge applicant's deposit account No. 01-1350 for the full amount of the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

Respectfully submitted,



Ralph J. Mancini  
Attorney for Applicants  
Registration No. 34,054

Akzo Nobel Inc.  
Intellectual Property Department  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
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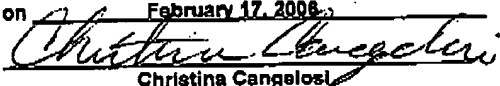
Docket No.: ACA6263 US

Group Art Unit: 1712

Examiner: P.C. Tucker

**CERTIFICATE OF FACSIMILE TRANSMISSION**  
It is hereby certified that the attached Supplemental  
Information Disclosure Statement with PTO 1449  
Form ( 3 sheets) is being faxed to 571-273-8300  
to the Commissioner for Patents

on February 17, 2006

  
Christina Cangelosi

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with the requirements of 37 CFR §§1.56 and 1.17, applicant submits the document attached hereto to be made of record in the above-identified case. A listing of said documents on form PTO-1449 is also attached.

This Second Supplemental Information Disclosure Statement is being filed after the mailing date of a final action, but before payment of the issue fee for this case.

Thus, this statement is accompanied by:

1. a certification as specified under 37 C.F.R. § 1.97(e);
2. a petition requesting consideration of this Second Supplemental Information Disclosure Statement; and
3. the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

Applicants respectfully request the examiner to note that U.S. Patent No. 6,399,799 discloses monoalkyl **quaternary** ammonium compositions particularly useful and adapted for use in personal care products. In contradistinction, the claimed invention does not claim monoalkyl **quaternary** ammonium compounds per se, nor their use in personal care products.

This statement is not intended to represent that no better art exists. Applicant reserve the right to contest the applicability of the document attached hereto as prior art in the event that any information is discovered which demonstrates that said document does not qualify as prior art.

Consideration of the present Information Disclosure Statement is respectfully requested. The claimed invention is, however, believed to represent a patentable departure from the teachings of the prior art.

Respectfully submitted,



Ralph J. Mancini  
Attorney for Applicants  
Registration No. 34,054

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DATE CONSIDERED

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**Patent**  
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Group Art Unit: 1712

Examiner: P.C. Tucker

**CERTIFICATE OF FACSIMILE TRANSMISSION**  
It is hereby certified that the attached Certification:  
(1 sheet) is being faxed to 571-273-8300 to the  
Commissioner for Patents

on February 17, 2006

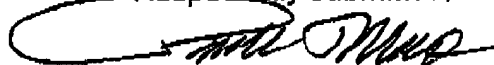
  
Christina Cangelosi

Certification Under 37 C.F.R. § 1.97(e)(2)

Sir :

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56 more than three months prior to the filing of the information disclosure statement.

Respectfully submitted,



Ralph J. Mancini  
Attorney for Applicants  
Registration No. 34,054

Date: 2/17/06

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